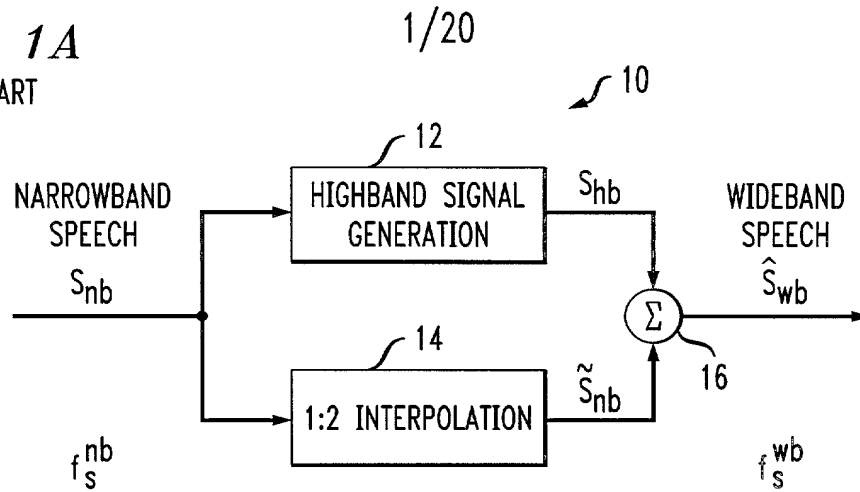


FIG. 1A

PRIOR ART

**FIG. 1B**

PRIOR ART

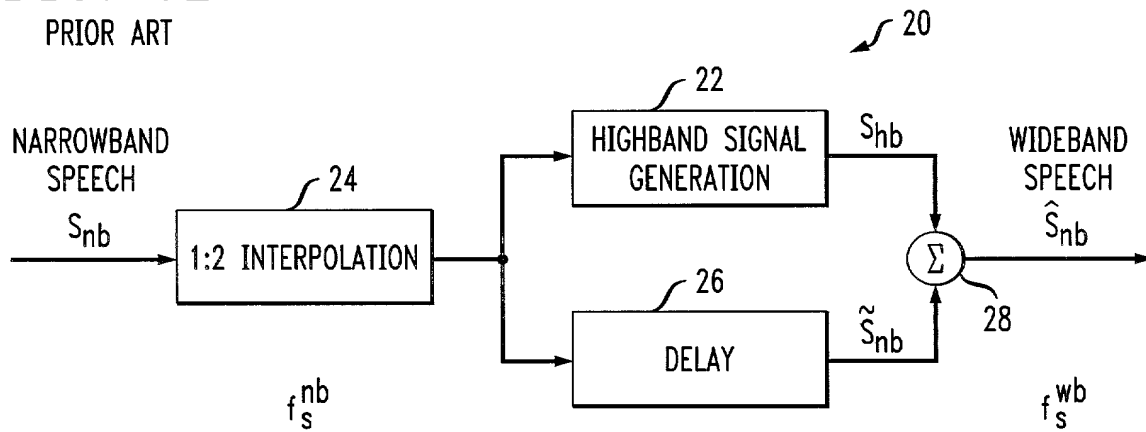
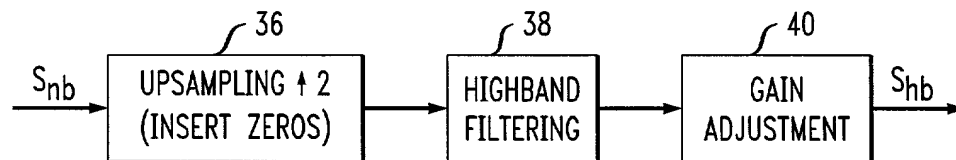
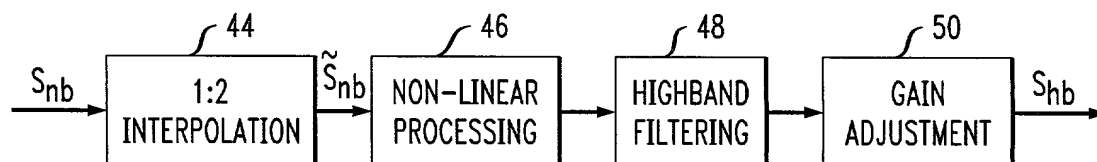
**FIG. 2A****FIG. 2B**

FIG. 3

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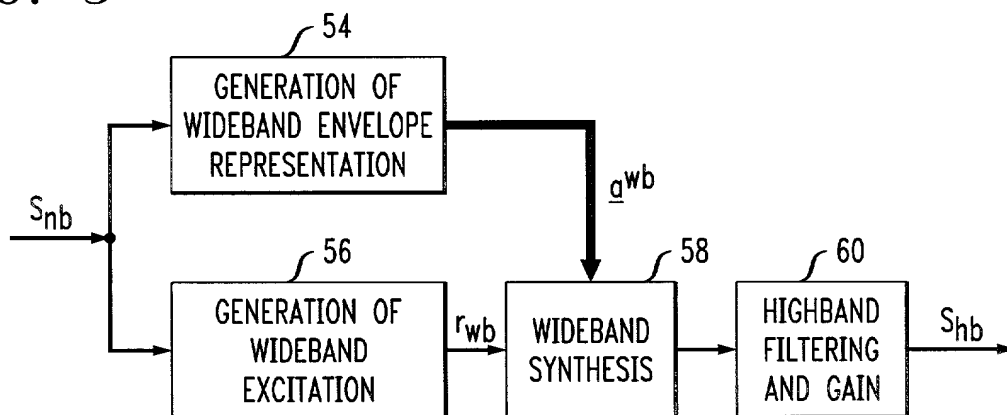


FIG. 4

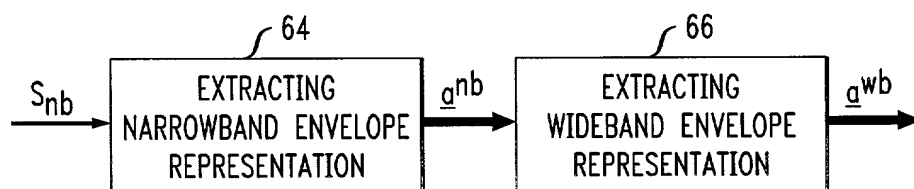


FIG. 5A

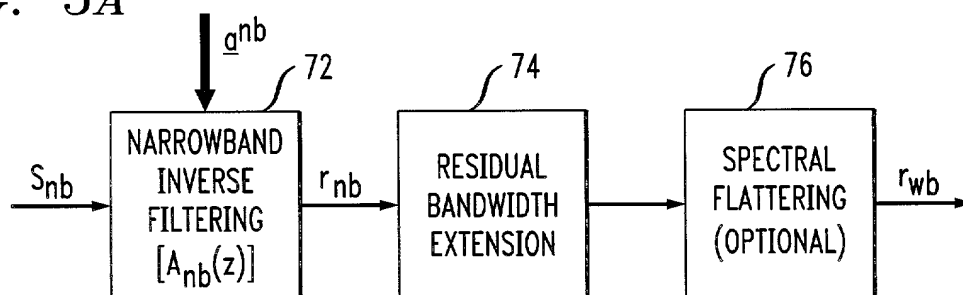
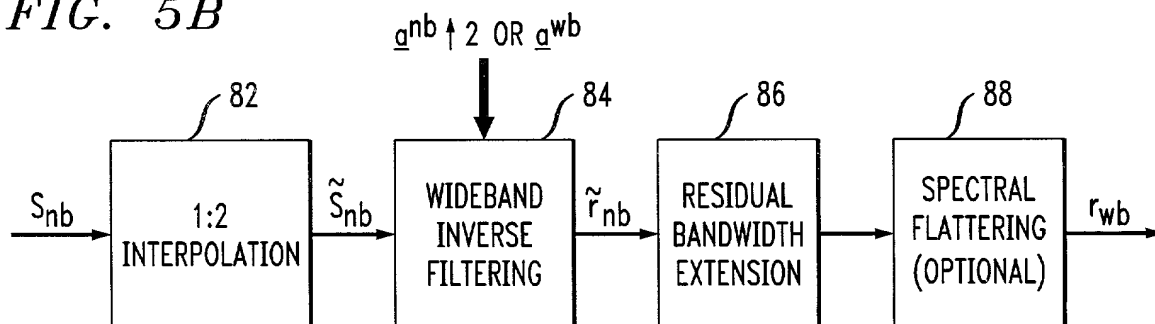


FIG. 5B



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FIG. 6

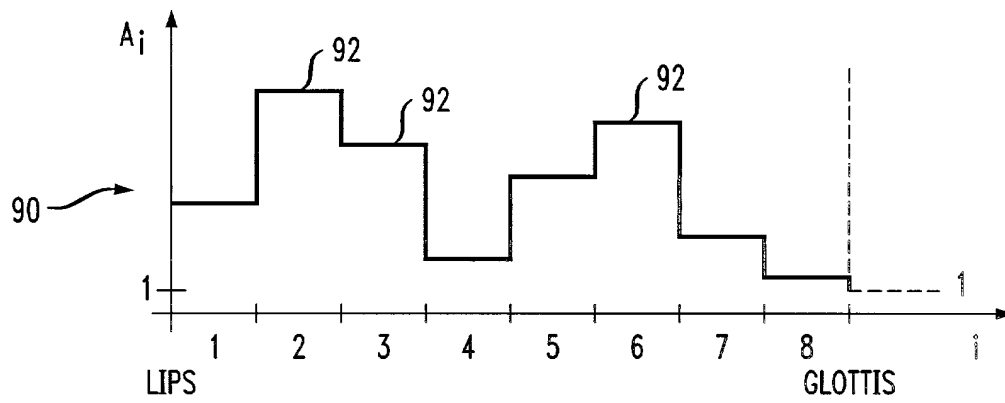
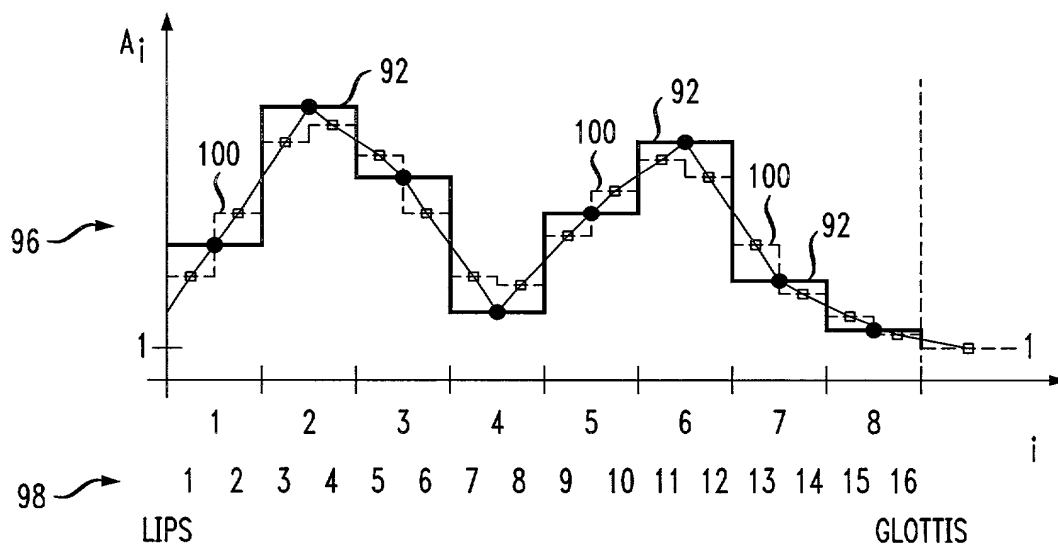
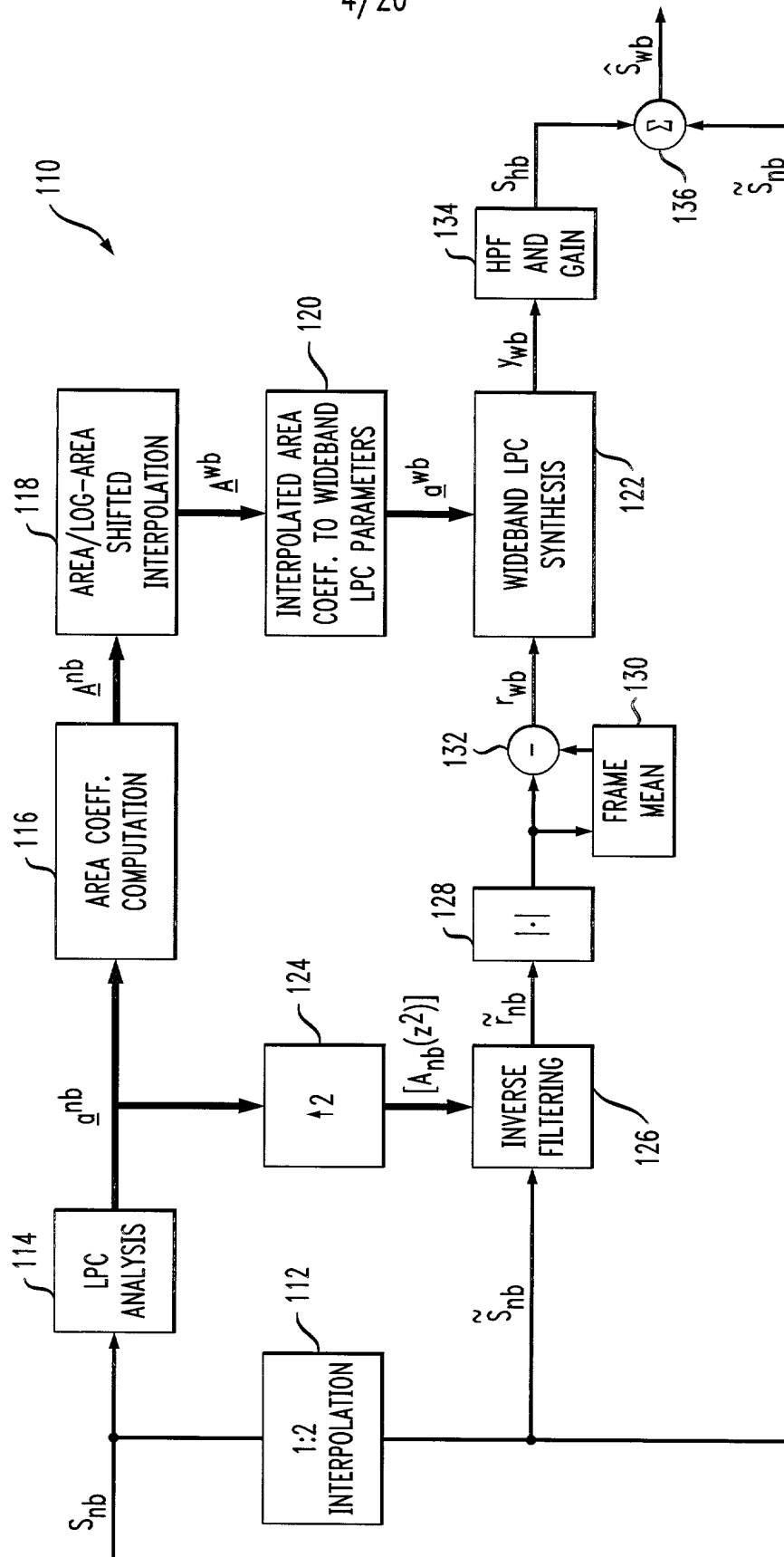


FIG. 7

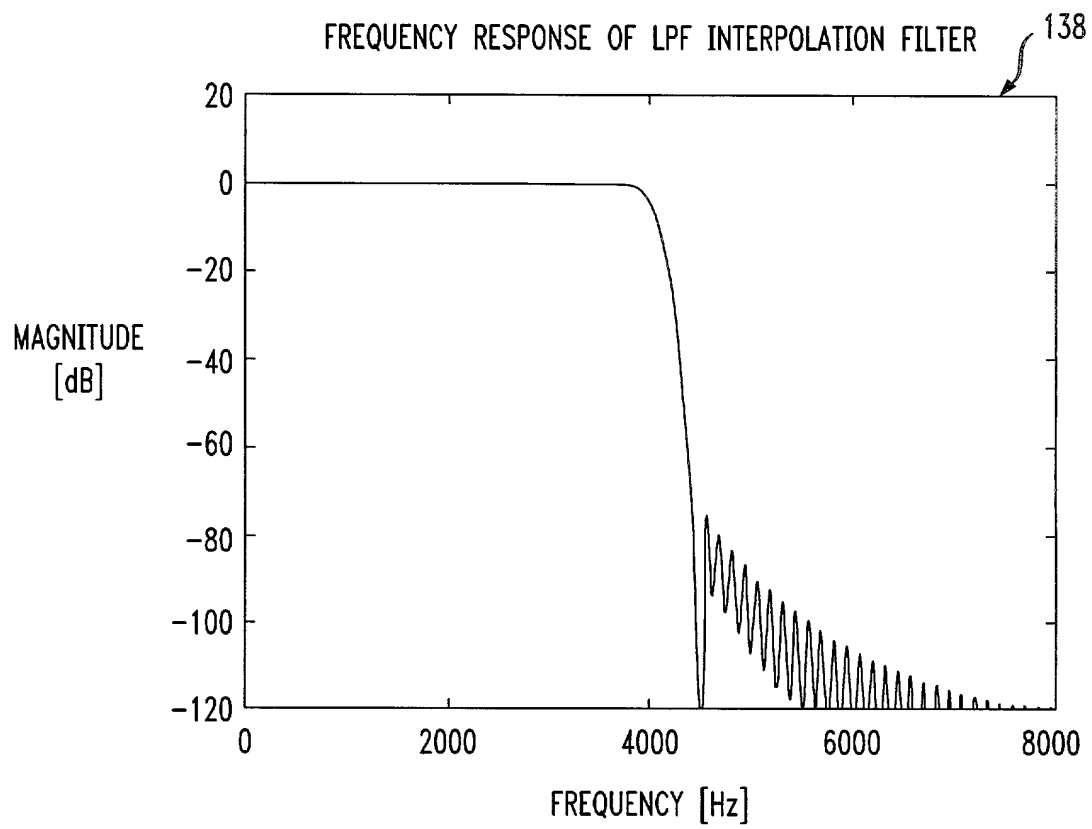


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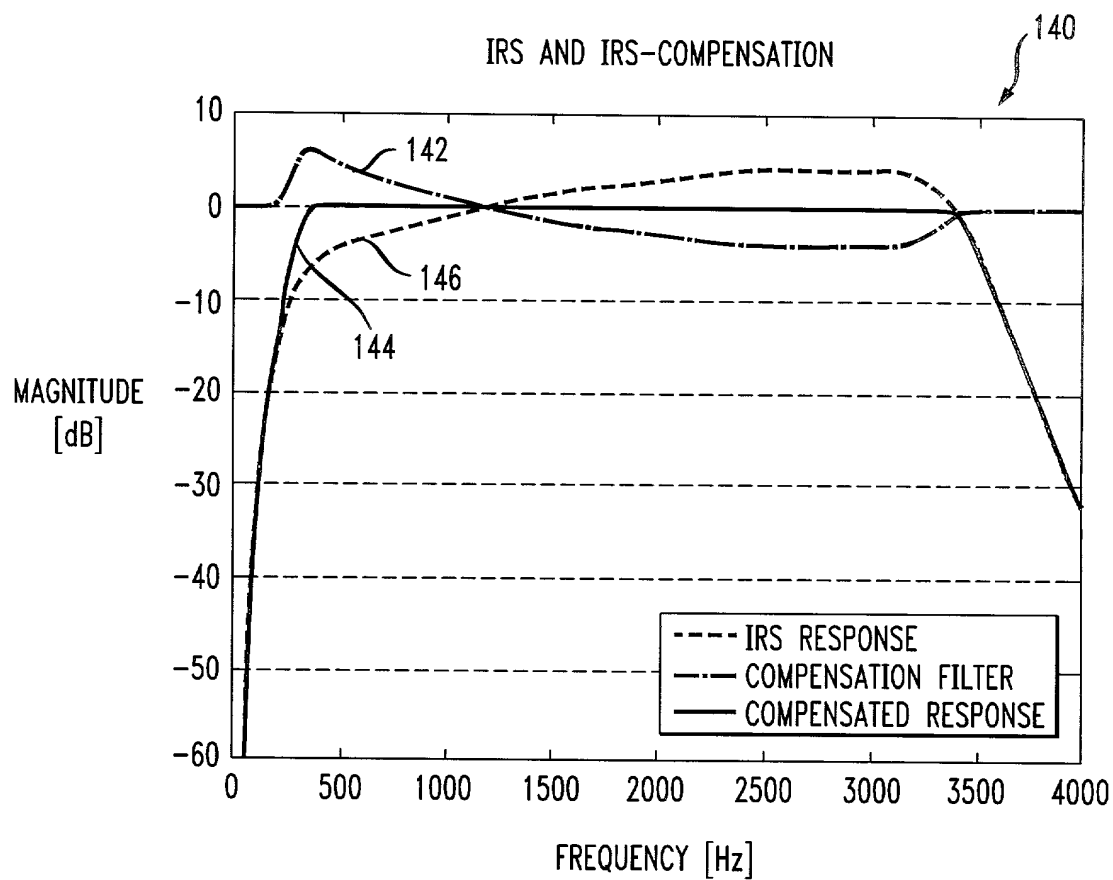
FIG. 8



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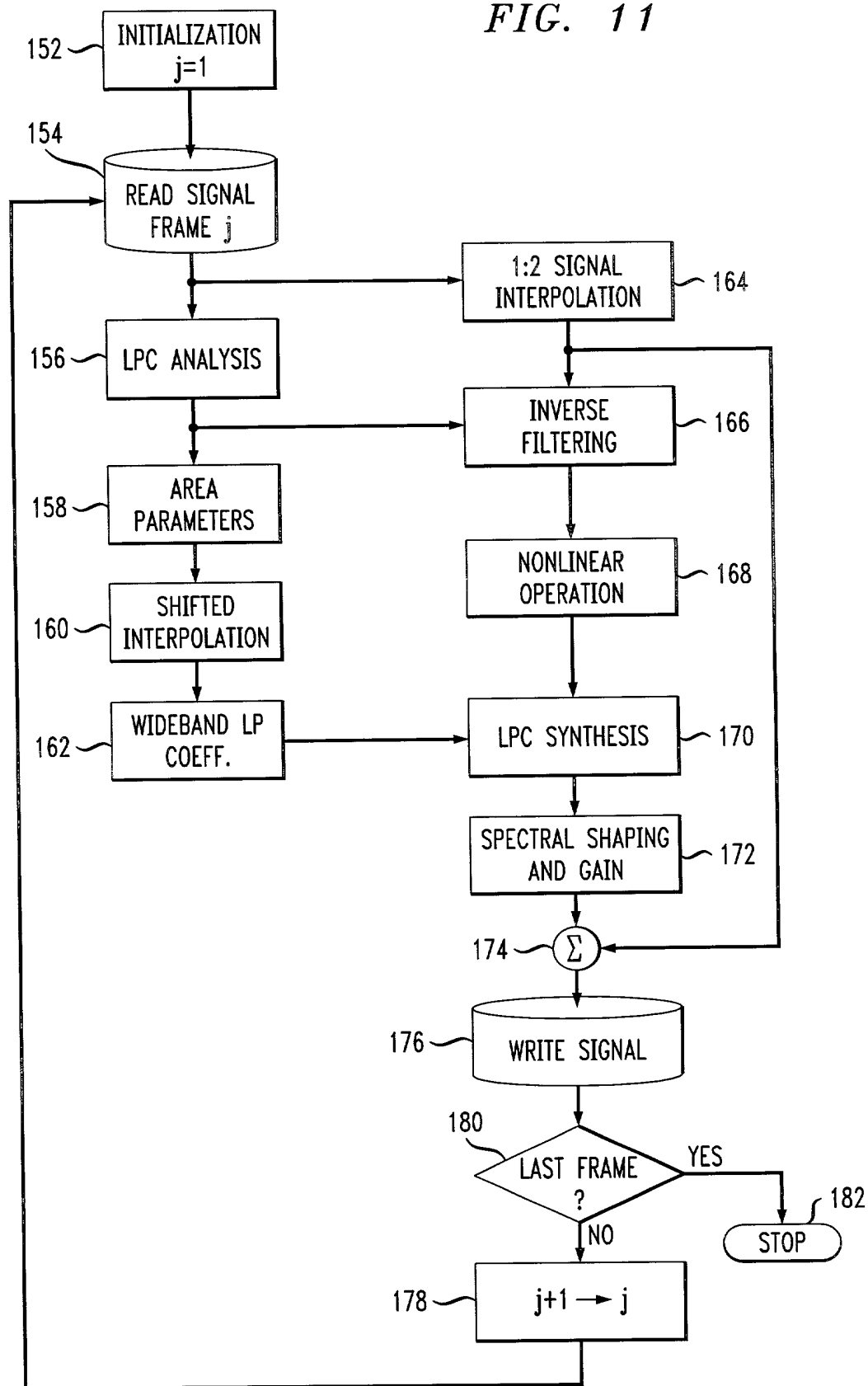
FIG. 9

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FIG. 10

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FIG. 11



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FIG. 12A

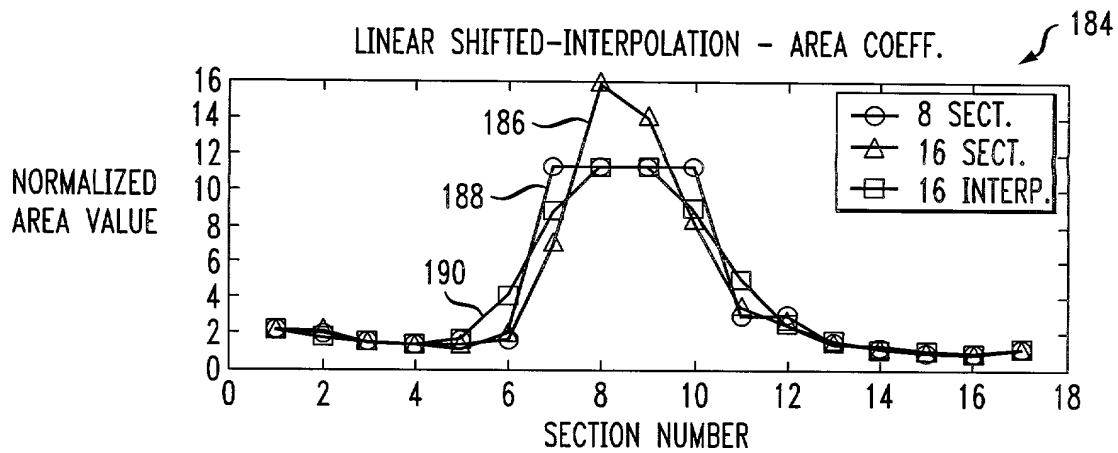
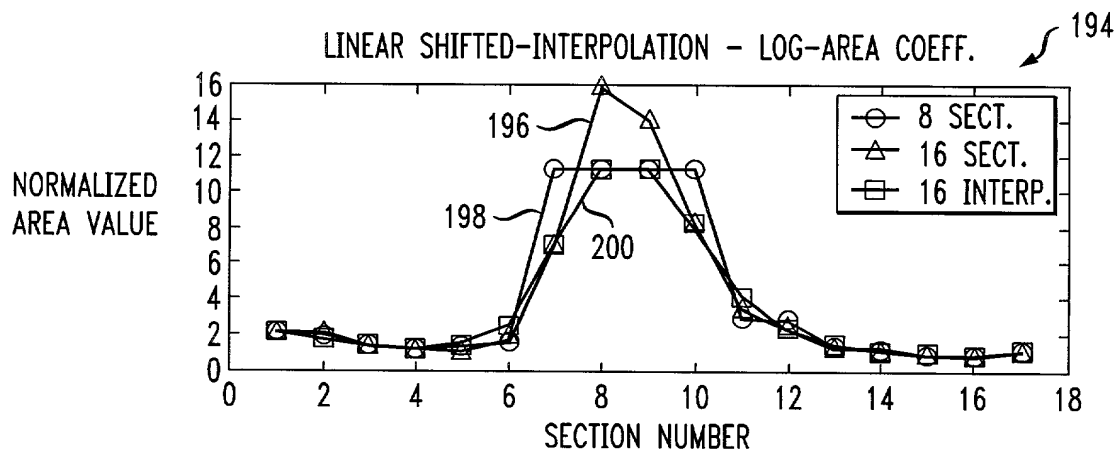


FIG. 12B



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FIG. 12C

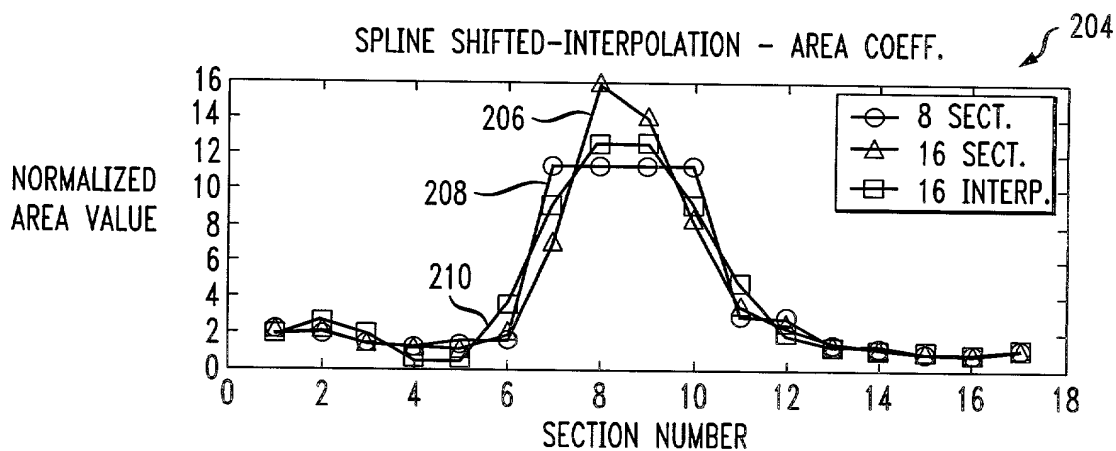
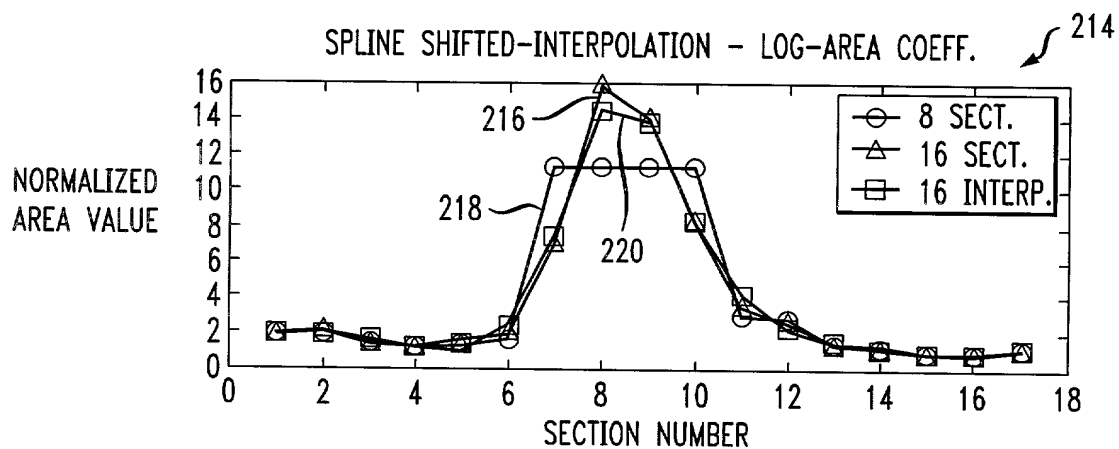
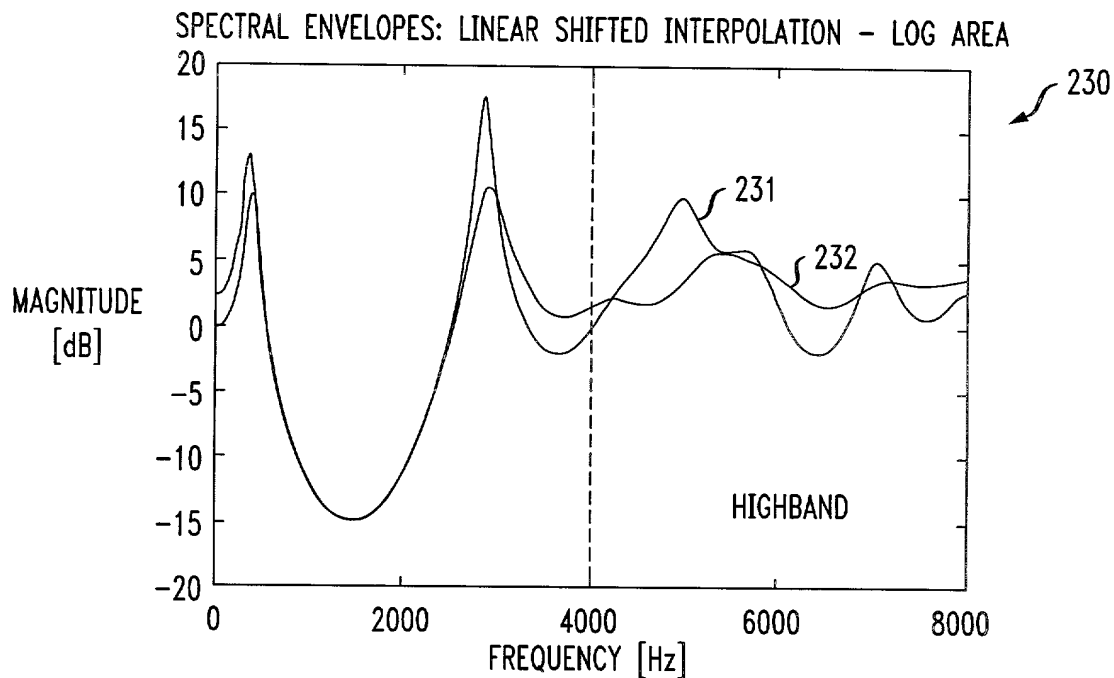
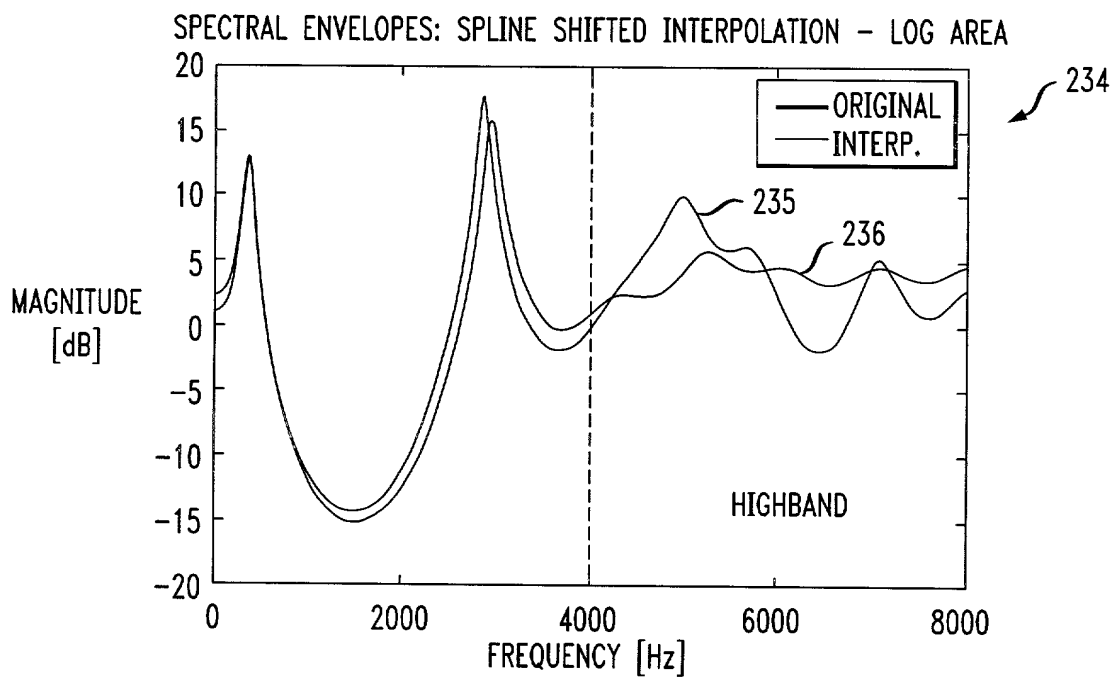


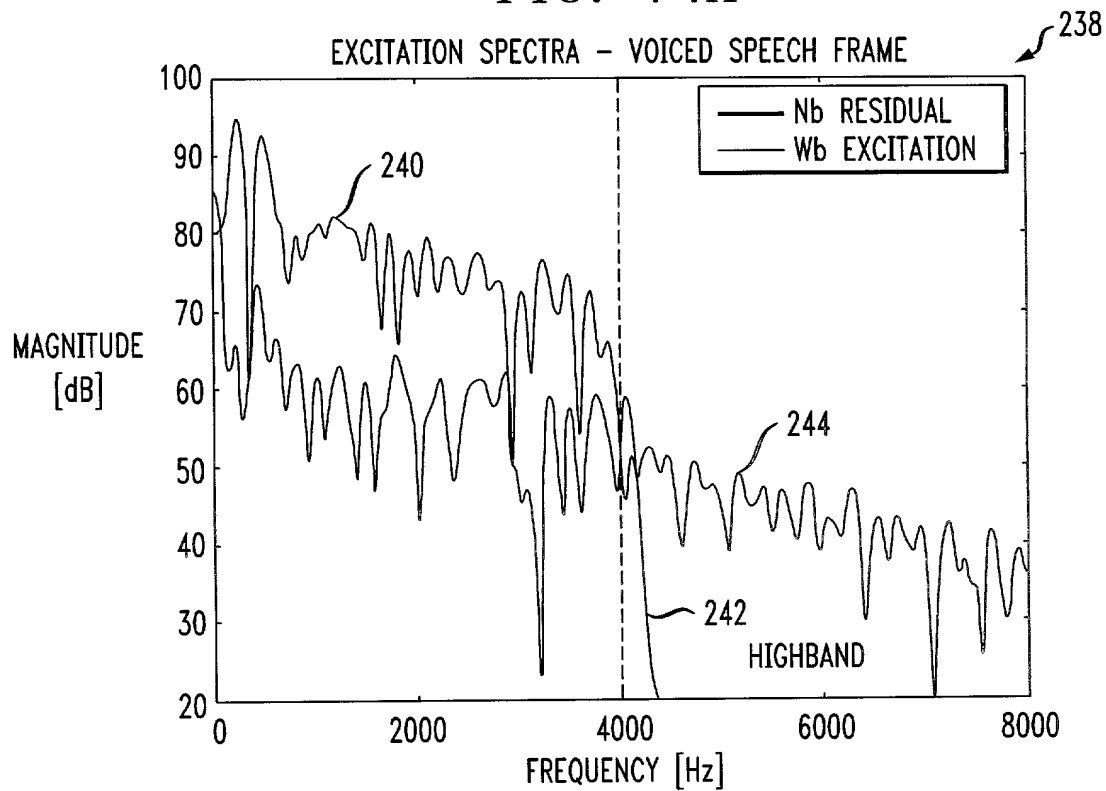
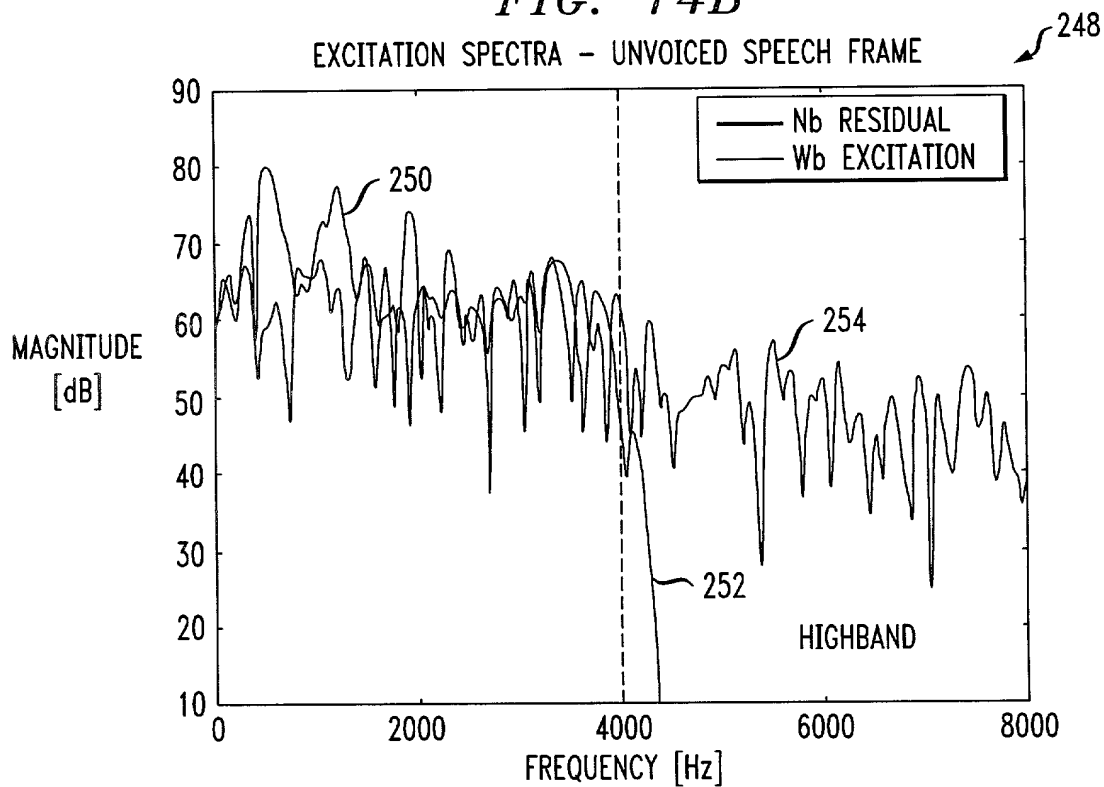
FIG. 12D



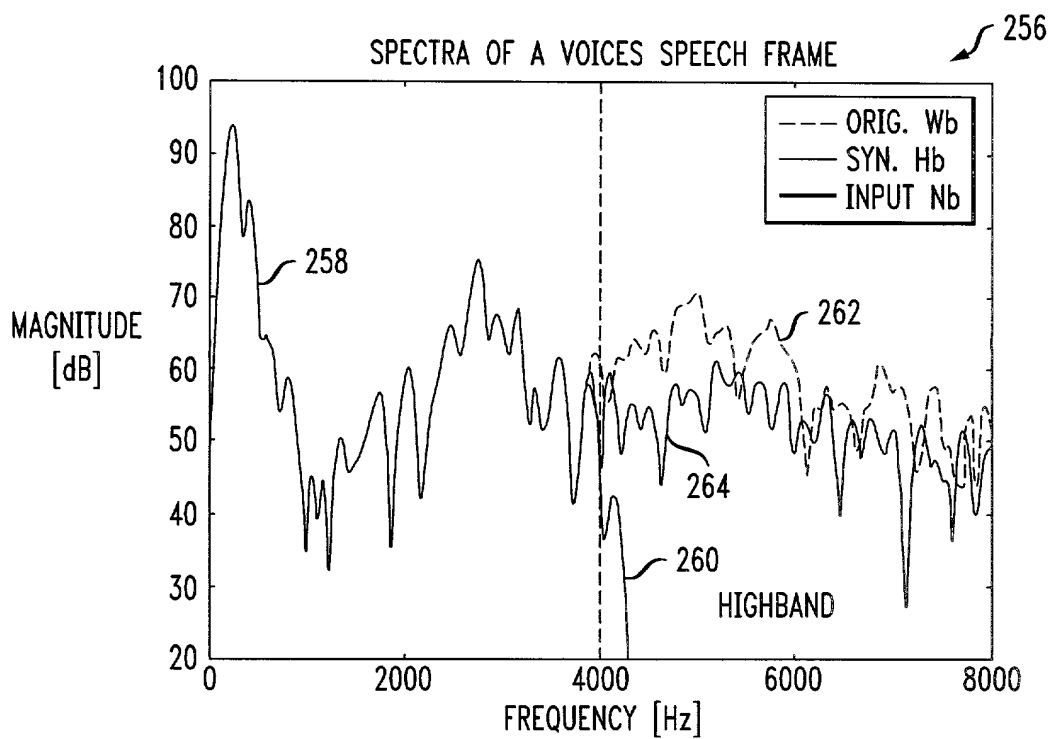
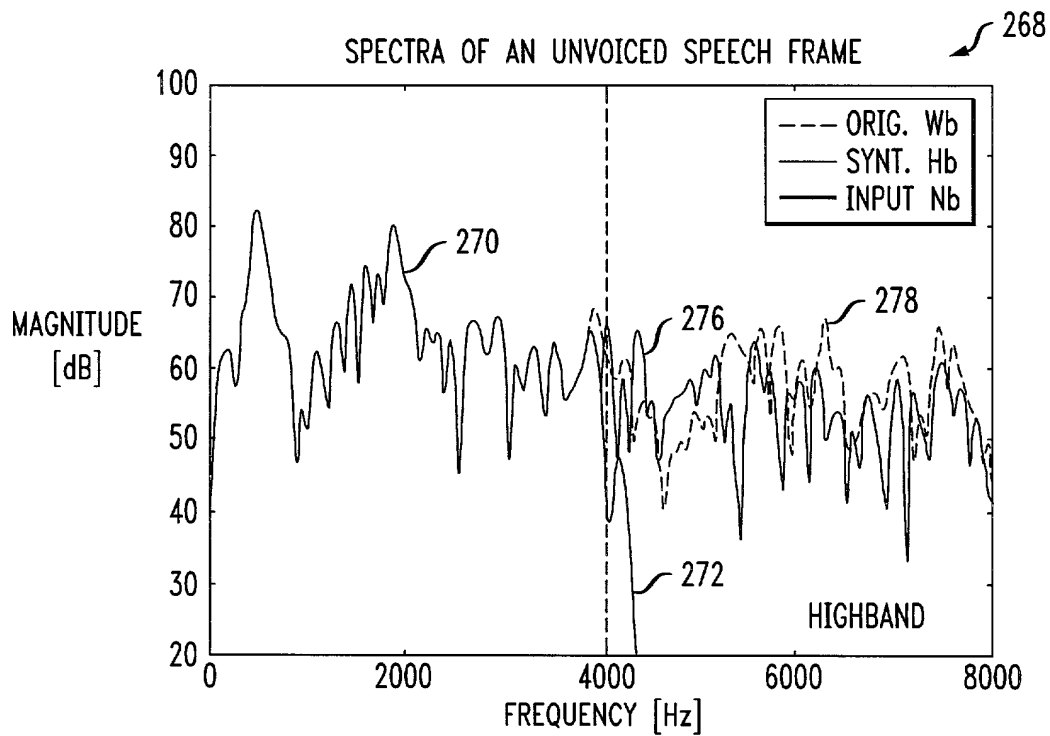
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FIG. 13A*FIG. 13B*

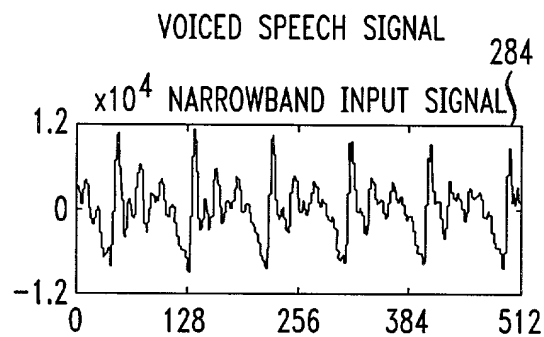
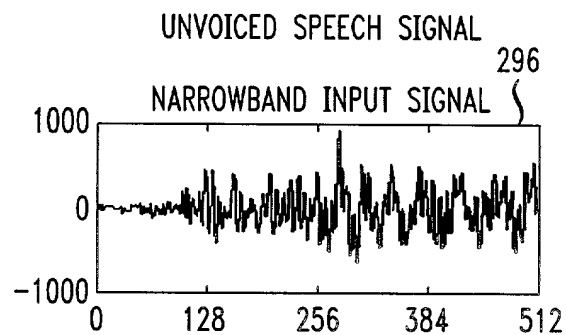
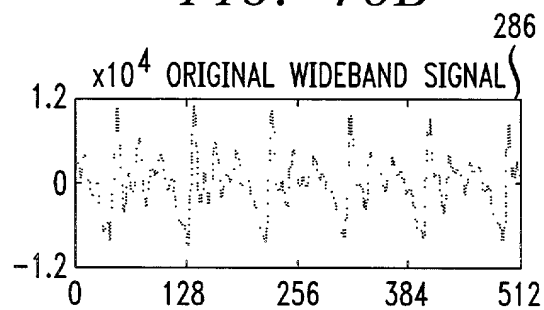
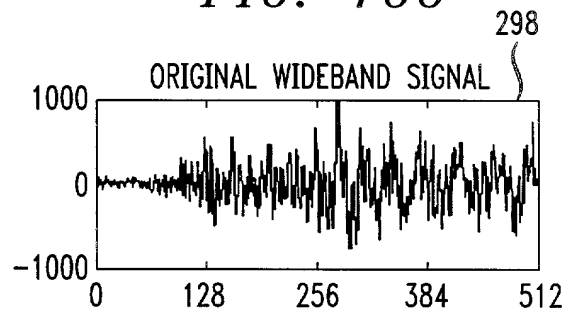
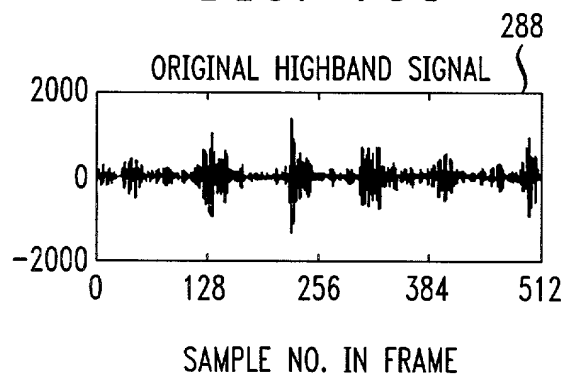
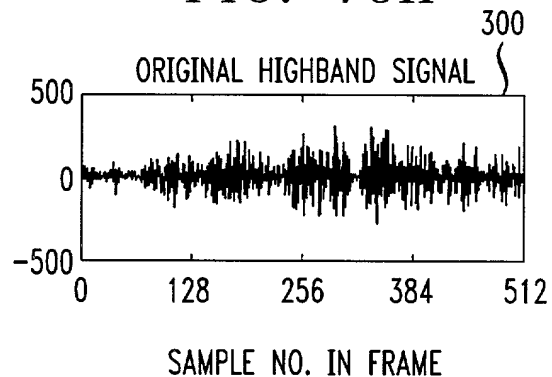
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FIG. 14A**FIG. 14B**

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FIG. 15A*FIG. 15B*

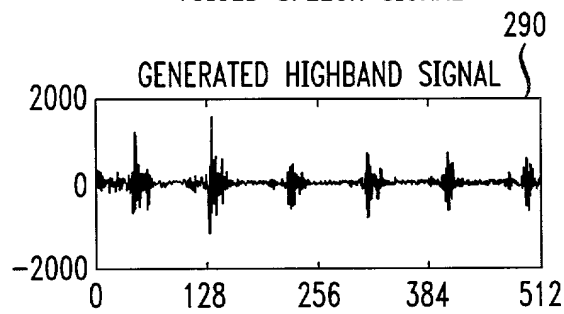
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FIG. 16A*FIG. 16F**FIG. 16B**FIG. 16G**FIG. 16C**FIG. 16H*

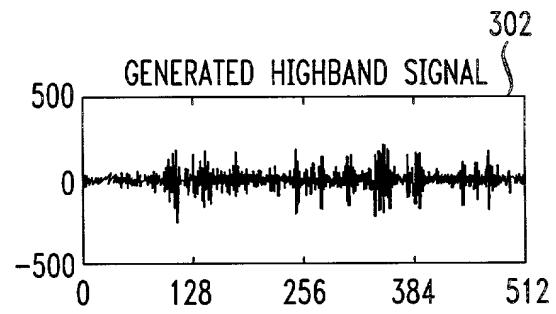
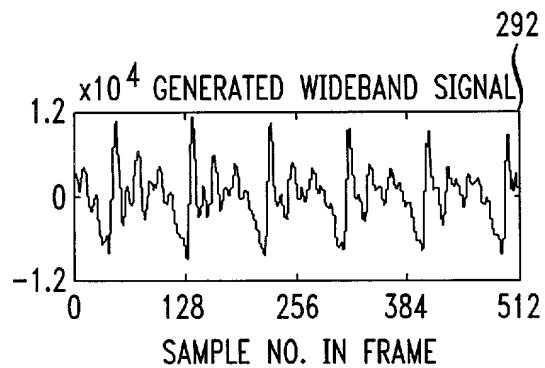
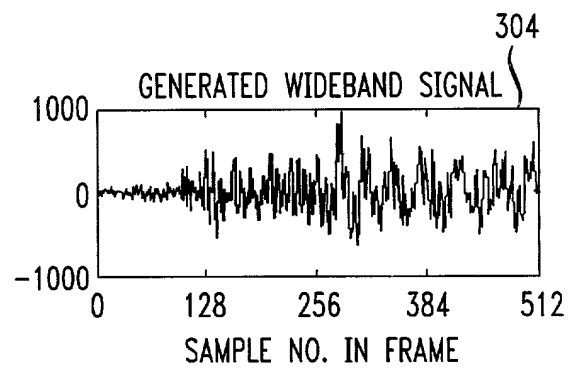
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FIG. 16D

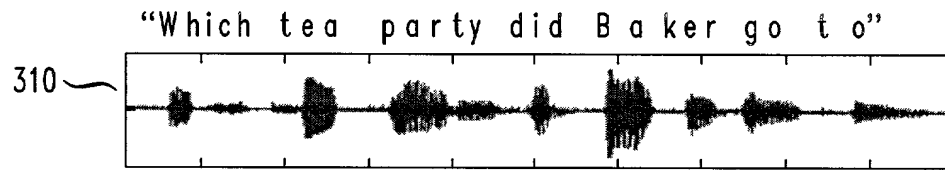
VOICED SPEECH SIGNAL

*FIG. 16I*

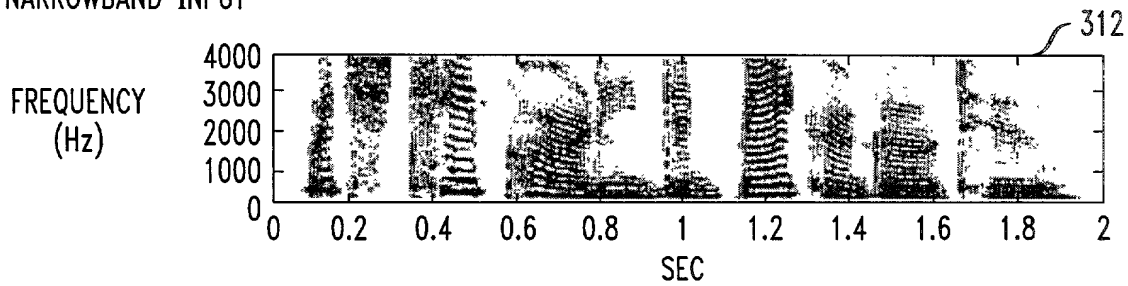
UNVOICED SPEECH SIGNAL

*FIG. 16E**FIG. 16J*

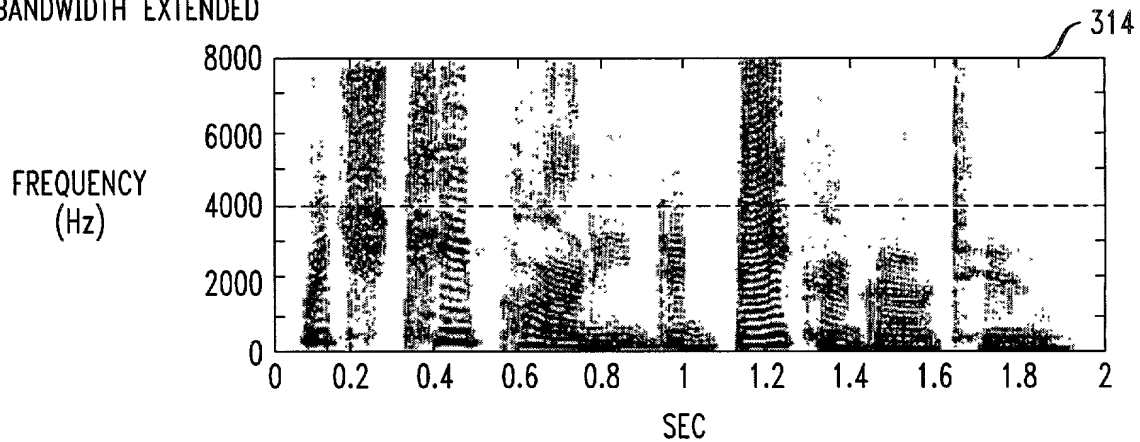
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FIG. 17A*FIG. 17B*

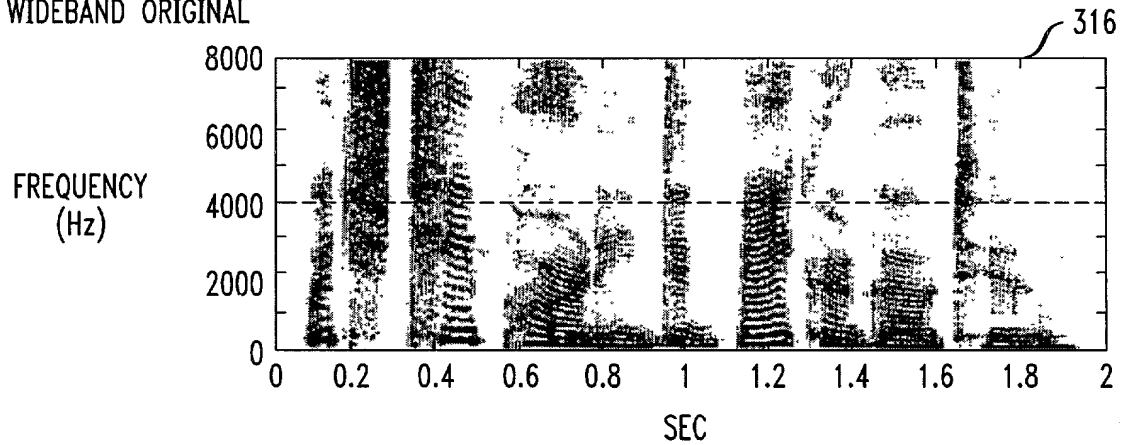
NARROWBAND INPUT

*FIG. 17C*

BANDWIDTH EXTENDED

*FIG. 17D*

WIDEBAND ORIGINAL



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FIG. 18

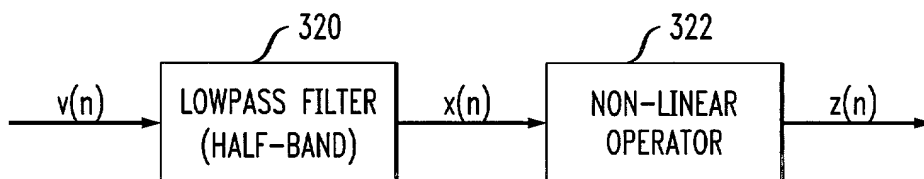
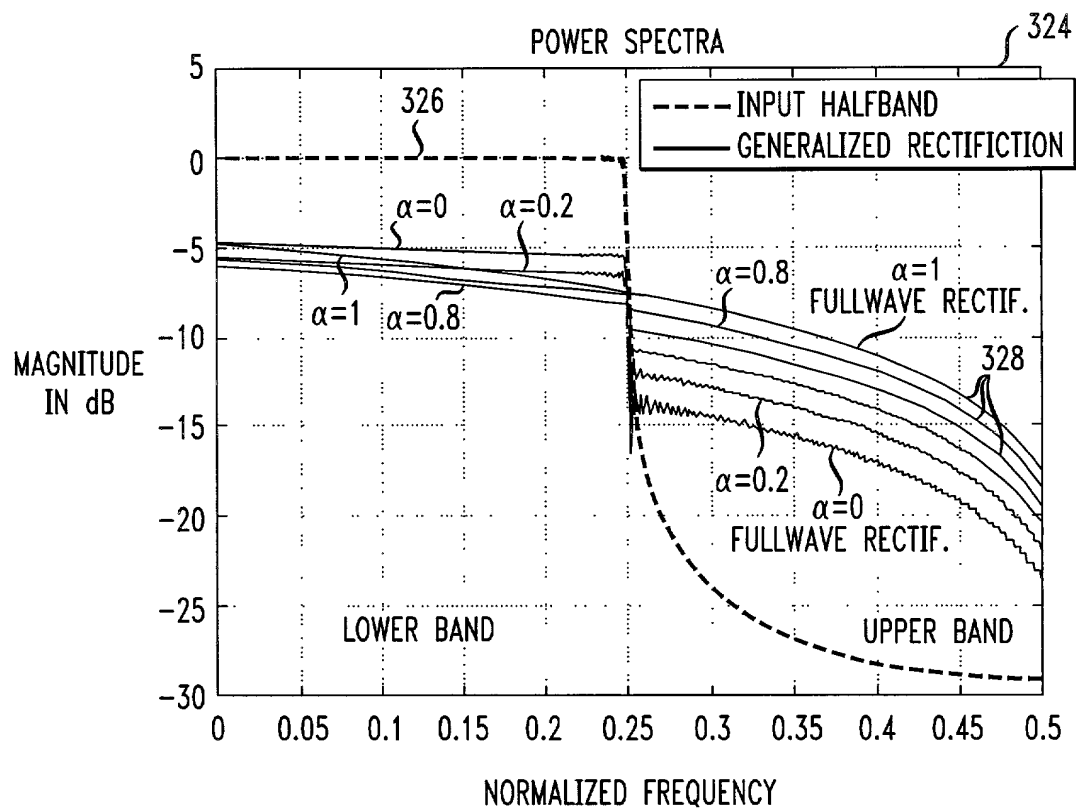


FIG. 19



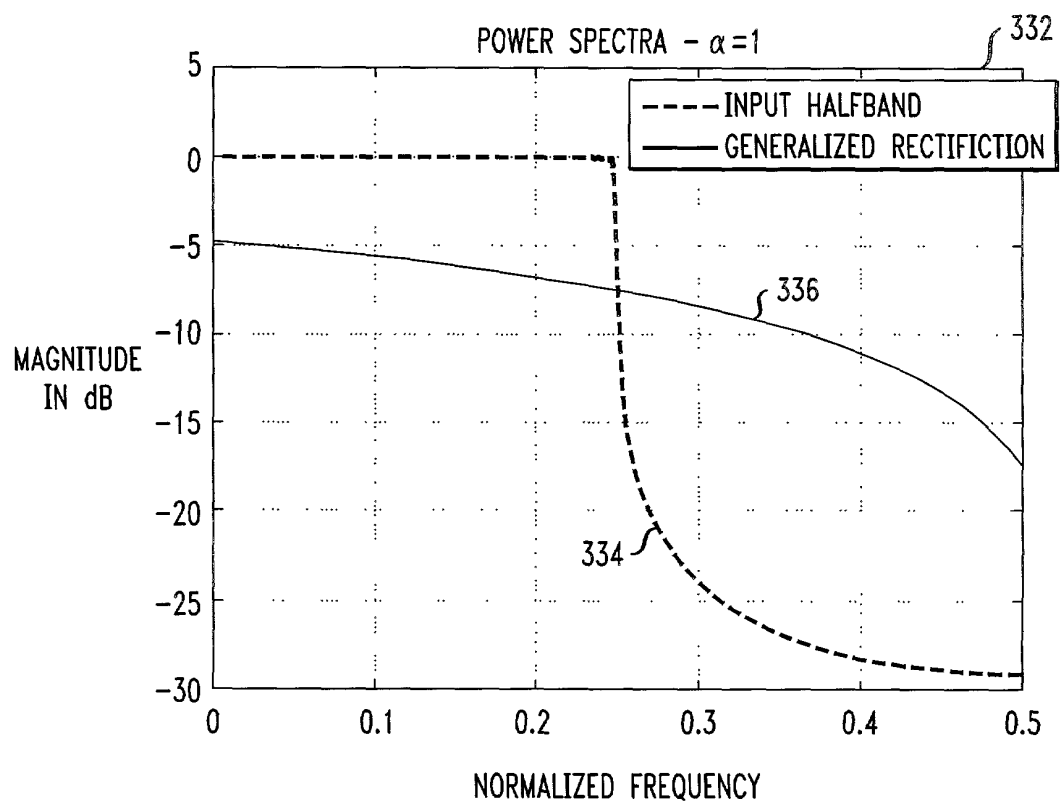
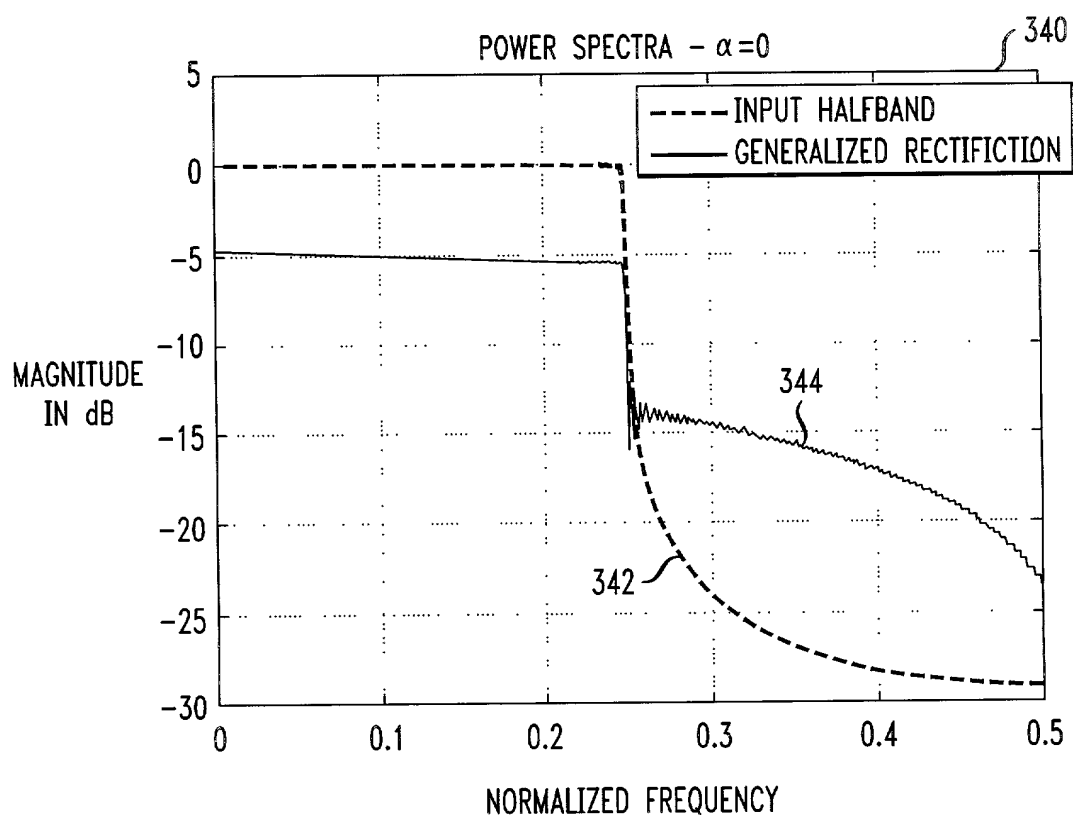
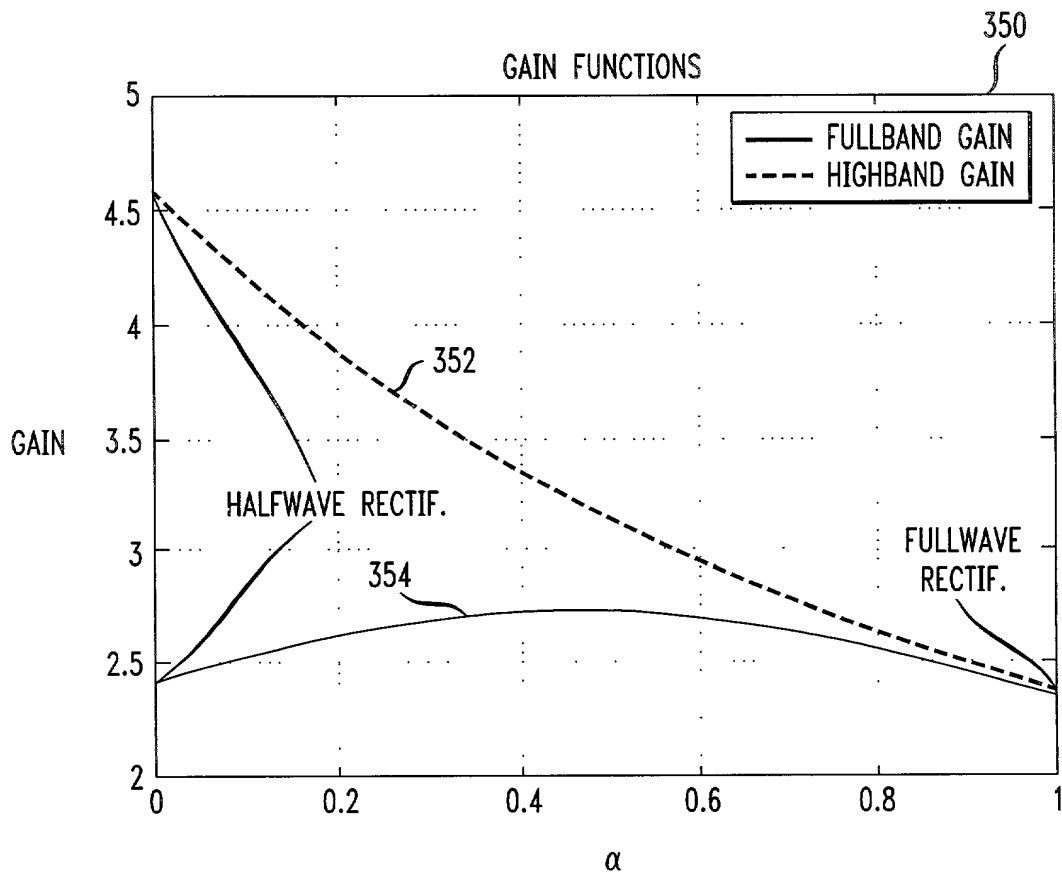


FIG. 20B



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FIG. 21



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FIG. 22

